

SOLUTION CONTAINING
SURFACE-MODIFIED NANOPARTICLES

ABSTRACT

5 Coating solutions comprising surface-modified nanoparticles, a first liquid having
a vapor pressure, VP1, and a second liquid miscible with the first liquid, having a vapor
pressure, VP2, that is less than VP1, wherein the nanoparticles are more compatible with
the first liquid than with the second liquid, are provided. Methods of applying and drying
these solutions, and articles comprising substrates coated with these solutions are also
10 provided.